

THE FACTORY AUTOMATION COMPANY

FANUC

# FANUC Series 0i-F Plus

The reference in CNC technology is now smarter than ever before. Keeping all the best from its ancestor, the 0i-F Plus Series will ease your life with intuitive operation through *i*HMI, FANUC PICTURE, reduced cycle time with Fast Cycle Time Technology and customization functions.



- New modern design with dark colour theme
- High quality work pieces with Fine Surface Technology
- Customization functions: FANUC PICTURE, Macro Executor, C Language Executor
- Standard 2 MB part program memory

# FANUC iHMI - Simple. Efficient. Intuitive.

FANUC iHMI has been designed to be extremely easy to use. Intuitive menu icons, high-visibility design and animated features take the head-scratching out of complex machining operations, making accessing even the most sophisticated programs and functionalities straightforward. Despite its more intuitive layout, users will nevertheless find that it provides a familiar FANUC user experience.

## Simple

Easy operation along process flow with integration of three screens:



## Friendly

Help troubleshooting – one-stop problem-solving

## Graphical

Intuitive icons and high-visibility design with animated features

# Fine Surface Technology

Fine Surface Technology is a set of functions that improve surface quality of your workpieces. This is achieved through methods such as:

- accepting high precision machining program output from CAD/CAM
- executing programs with small line segments faster
- generating smooth tool paths
- following up commanded positions precisely

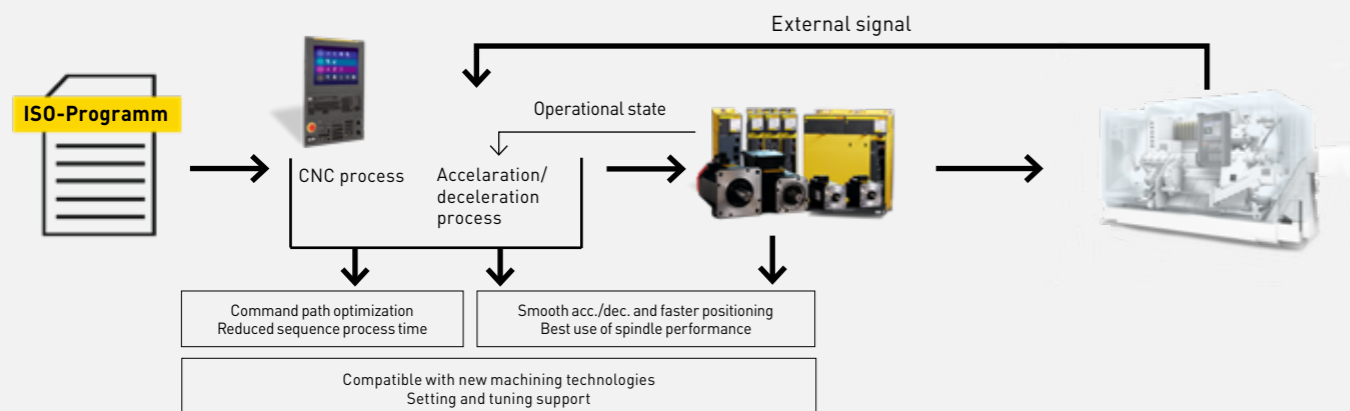
The Fine Surface Setting Screen helps you to set optimal parameters for roughing, semi-finishing and finishing. Parameters for high speed and high precision machining are adjustable with an intuitive slide bar.



# Fast Cycle Time Technology

Fast Cycle Time Technology is a set of CNC and servo functions which reduce cycle time. This is achieved through methods such as:

- accelerating and decelerating depending on load inertia
- making the best use of spindle performance
- reducing the sequence processing time for external signals



# FANUC PICTURE

With FANUC PICTURE, you can easily create custom screens that are tailored to your application. A rich set of controls such as buttons, lamps and charts serve as building blocks for your user interface. The design of the controls is customizable: create your own recognizable look and feel for your user interface. You can add complex logic to your user interface with mruby, a powerful scripting language. 220 functions are available e.g.

- CNC/PMC data access
- Serial or Ethernet communication
- File input/output

FANUC PICTURE is as standard feature of the 0i-F Plus.



# One common servo and control platform – Infinite opportunities **THAT'S FANUC!**



## **FA**

CNCs,  
Servo Motors  
and Lasers

## **ROBOTS**

Industrial Robots,  
Accessories  
and Software

## **ROBOCUT**

CNC Wire-Cut  
Electric Discharge  
Machines

## **ROBODRILL**

Compact  
CNC Machining  
Centres

## **ROBOSHOT**

Electric CNC  
Injection Moulding  
Machines

## **IoT**

Industry 4.0  
solutions